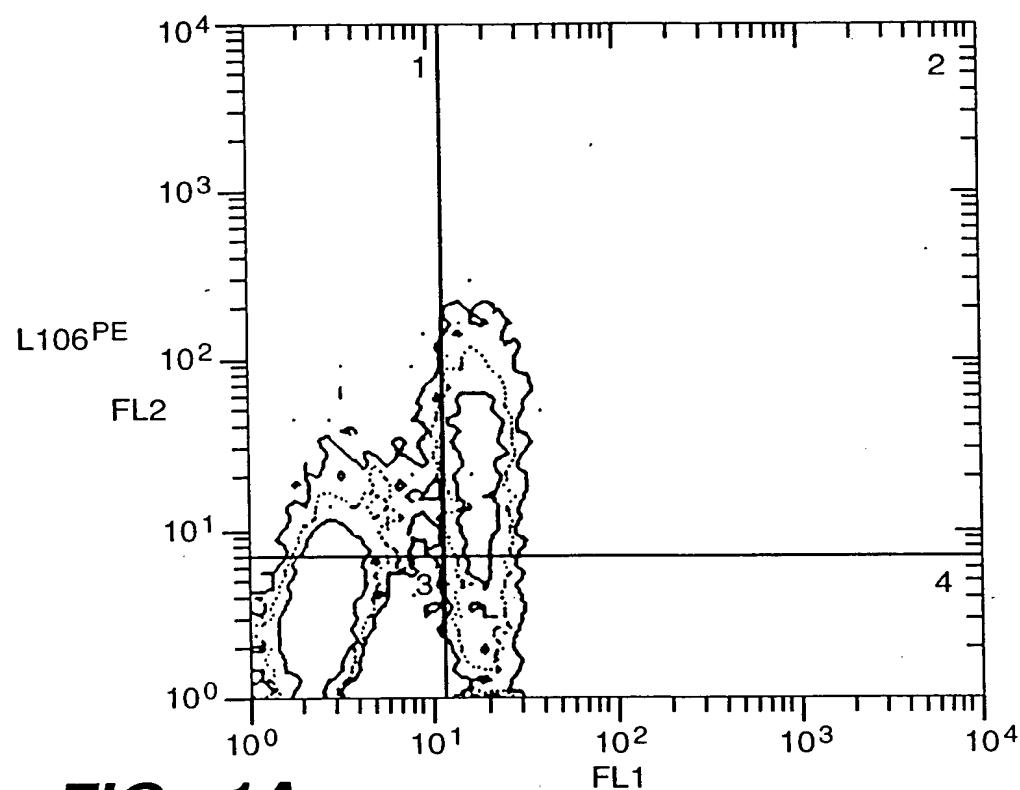


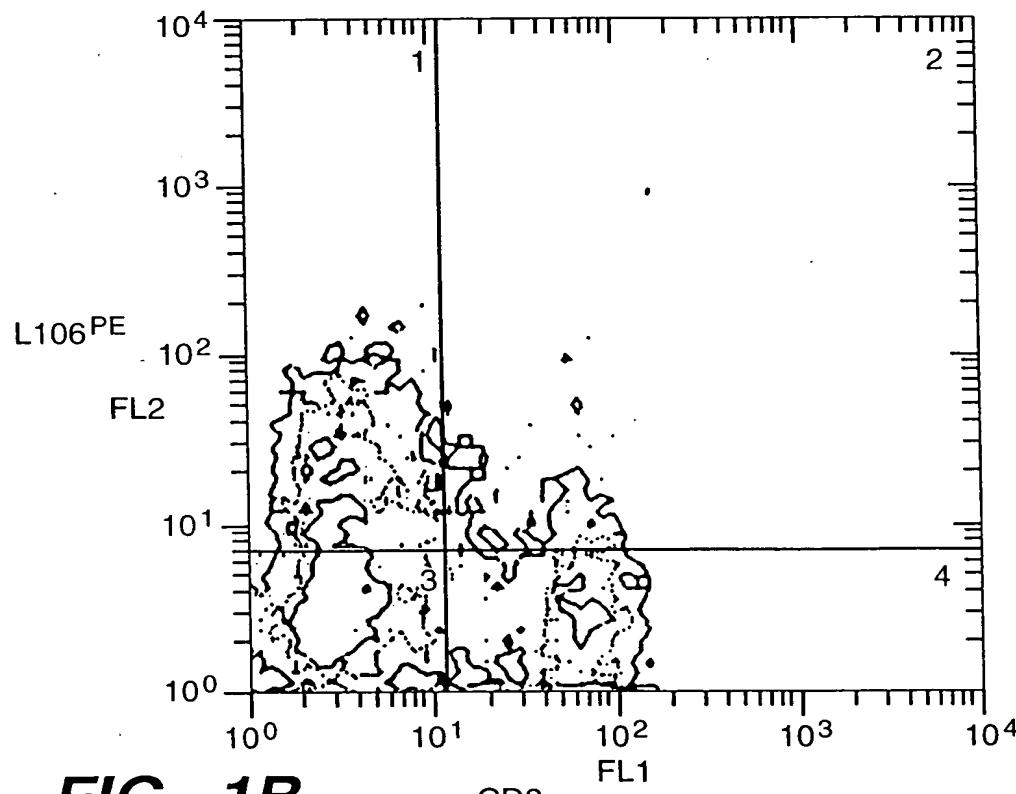
APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

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**FIG.\_1A**

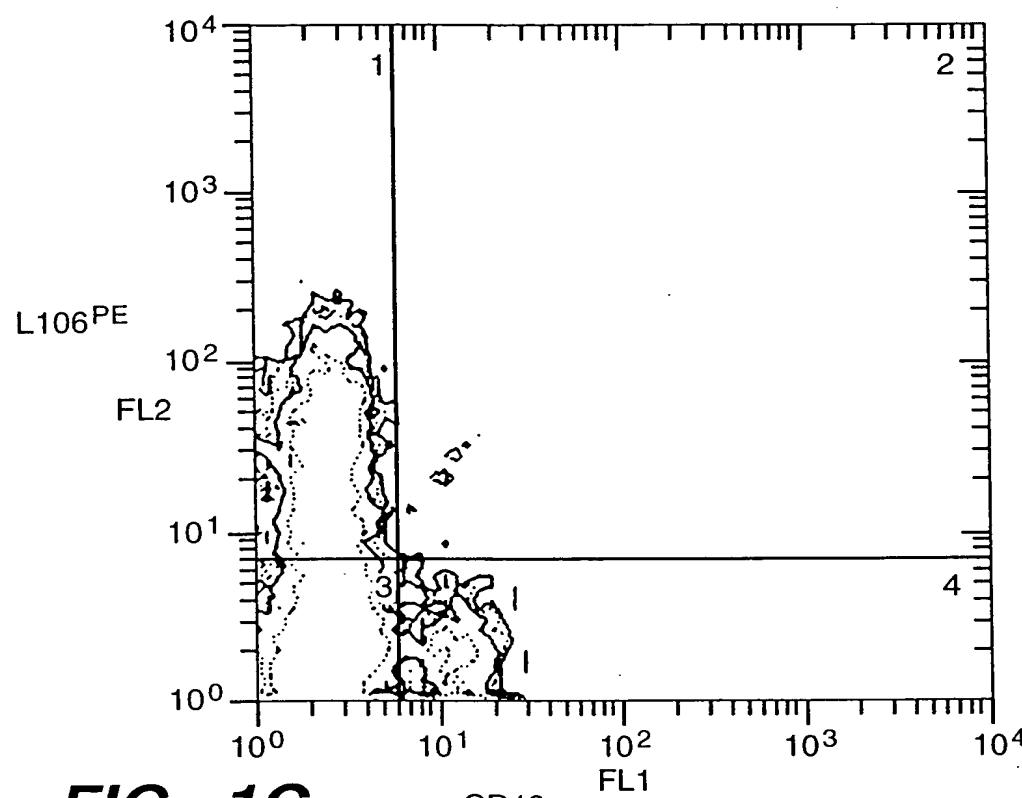
028860-004100-00000



**FIG.\_1B**

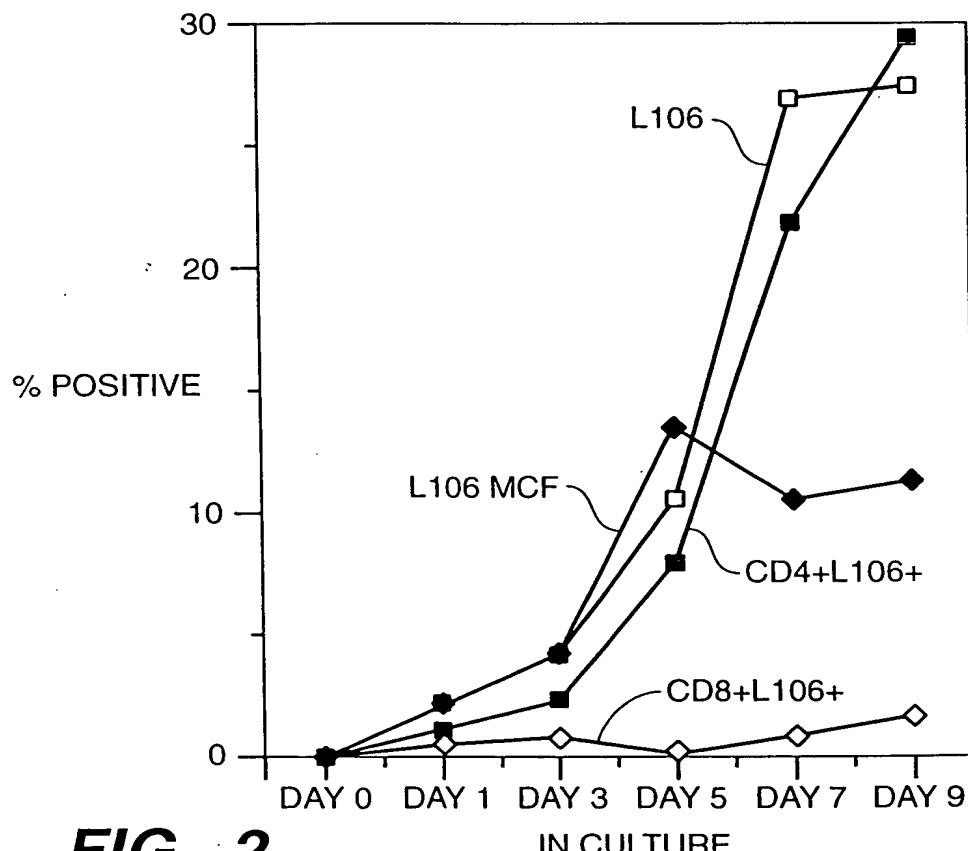
APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

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**FIG.\_ 1C**

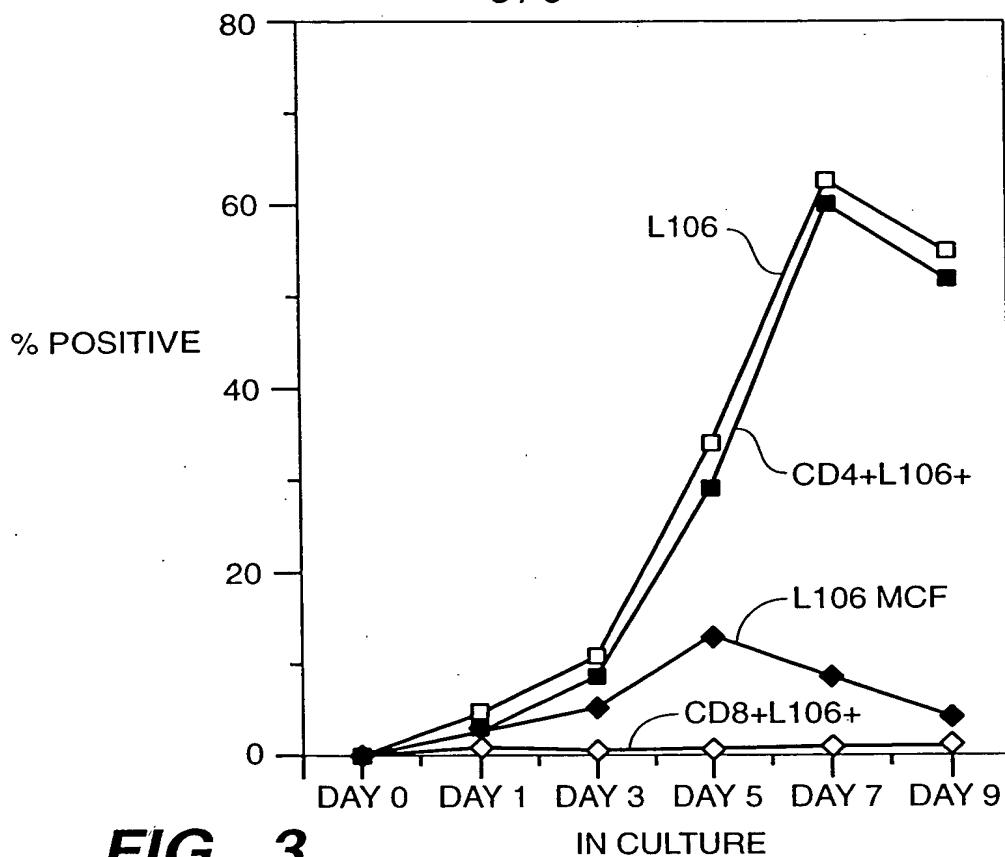
DO NOT DESTROY • 04562540000000000000



**FIG.\_ 2**

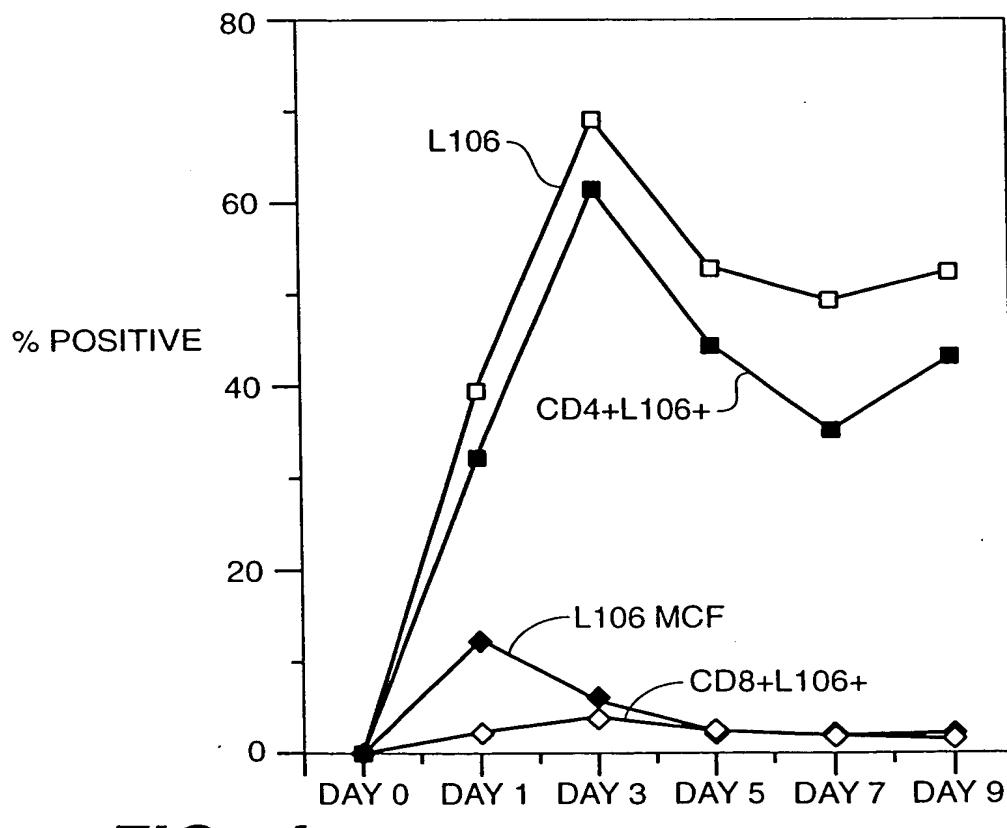
APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
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**FIG.\_3**

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**FIG.\_4**

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27

54

CA GCA GAG ACG AGG ATG TGC GTG GGG GCT CGG CGG CTG GGC CGC GGG CCG TGT  
M C V G A R R L G R G P C

SIGNAL SEQUENCE

135

162

GTC GGG GAC ACC TAC CCC AGC AAC GAC CGG TGC TGC CAC GAG TGC AGG CCA GGC  
V G D T Y P S N D R C C H E C R P G

243

270

GGG CCG GGC TTC TAC AAC GAC GTG GTC AGC TCC AAG CCG TGC AAG CCC TGC ACG  
G P G F Y N D V V S S K P C K P C T

351

378

GAC ACA GTC TGC CGC TGC CGG GCG GGC ACC CAG CCC CTG GAC AGC TAC AAG CCT  
D T V C R C R A G T Q P L D S Y K P

459

486

GCC TGC AAG CCC TGG ACC AAC TGC ACC TTG GCT GGG AAG CAC ACC CTG CAG CCG  
A C K P W T **N C T** L A G K H T L Q P  
GLY

567

594

CCC CAG GAG ACC CAG GGC CCC CCG GCC AGG CCC ATC ACT GTC CAG CCC ACT GAA  
P Q E T Q G P P A R P I T V Q P T E

675

702

GGC CGT **GCG GTT GCC GCC ATC CTG GGC CTG GGC CTG GTG CTG GGG CTG CTG GGC**  
G R **A V A A I L G L G L V L G L L G**

TM

783

810

CCC GAT GCC CAC AAG CCC CCT GGG GGA GGC AGT TTC CGG ACC CCC ATC CAA GAG  
P D A H K P P G G G S F R T P I Q E

891

918

GTG GAC GCT GGG CCC CGC CAG GCT GGA GCC CGG AGG GTC TGC TGG GCG AGC AGG

999

1026

AGG TGC CGA TGG CTG CCT CCG GCT CTC TGC TTA CGT ATG CCA TGC ATA CCT CCT

**FIG.\_5A**

APPROVED BY DRAFTSMAN	O. G. FIG. CLASS SUBCLASS
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81

108

GGC GCT CTG CTC CTC CTG GGC CTG GGG CTG AGC ACC GTG ACG GGG CTC CAC TGT  
 A A L L L G L G L S T V T G L H C 31

SIGNAL SEQUENCE ↑ ↑ CLEAVAGE

189

216

AAC GGG ATG GTG AGC CGC TGC AGC CGC TCC CAG AAC ACG GTG TGC CGT CCG TGC  
 N G M V S R C S R S Q N T V C R P C 67

297

324

TGG TGT AAC CTC AGA AGT GGG AGT GAG CGG AAG CAG CTG TGC ACG GCC ACA CAG  
 W C N L R S G S E R K Q L C T A T Q 103

405

432

GGA GTT GAC TGT GCC CCC TGC CCT CCA GGG CAC TTC TCC CCA GGC GAC AAC CAG  
 G V D C A P C P G H F S P G D N Q 139

513

540

GCC AGC AAT AGC TCG GAC GCA ATC TGT GAG GAC AGG GAC CCC CCA GCC ACG CAG  
 A S N S S D A I C E D R D P P A T Q 175  
 GLY

621

648

GCC TGG CCC AGA ACC TCA CAG GGA CCC TCC ACC CGG CCC GTG GAG GTC CCC GGG  
 A W P R T S Q G P S T R P V E V P G 211

729

756

CCC CTG GCC ATC CTG CTG GCC CTG TAC CTG CTC CGG AGG GAC CAG AGG CTG CCC  
 P L A I L L A L Y L L R R D Q R L P 247  
 TM

837

864

GAG CAG GCC GAC GCC CAC TCC ACC CTG GCC AAG ATC TGA CCT GGG CCC ACC AAG  
 E Q A D A H S T L A K I . 278

STOP

945

972

GCA GGT GCA GGC CGC CTG CCC CGC CAC GCT CCT GGG CCA ACT CTG CAC CGT TCT

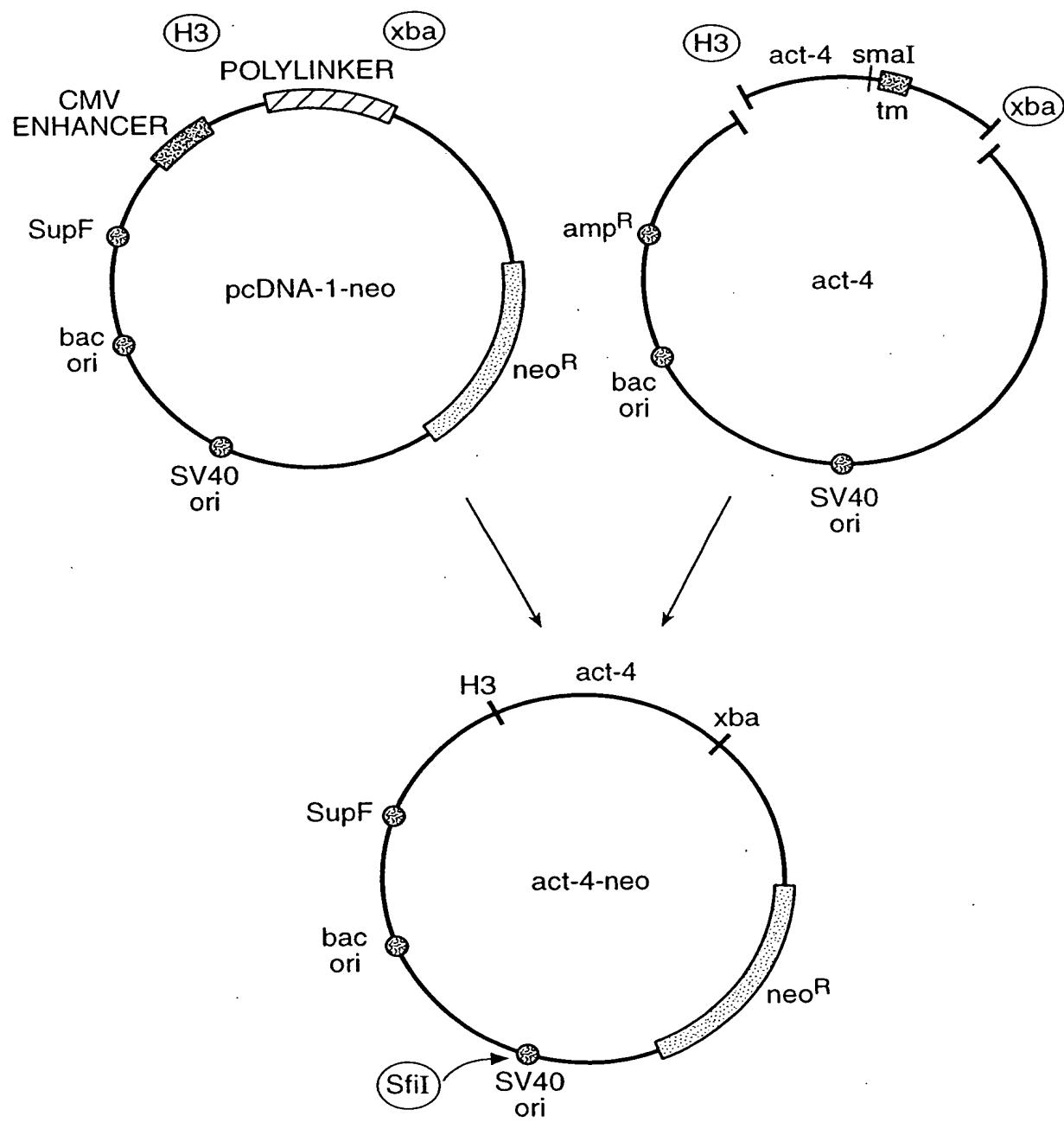
1053

GCC CCG CGG GAC CAC AAT AAA AAC CTT GGC AG  
 POLY-A

**FIG.\_5B**

**FIG.\_5**

**FIG.\_5A** **FIG.\_5B**

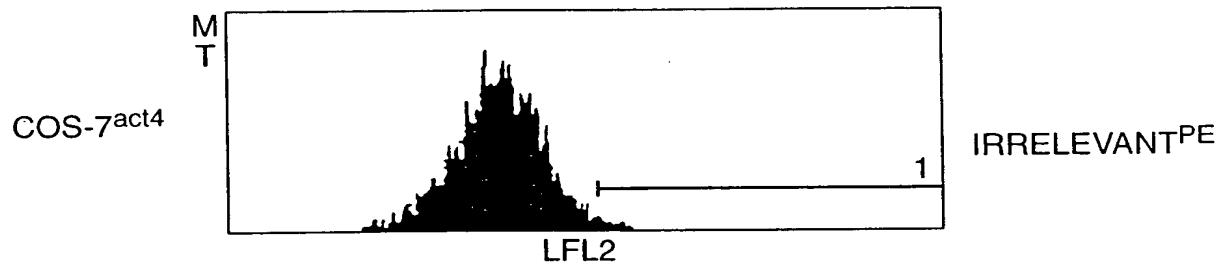


**FIG.\_6**

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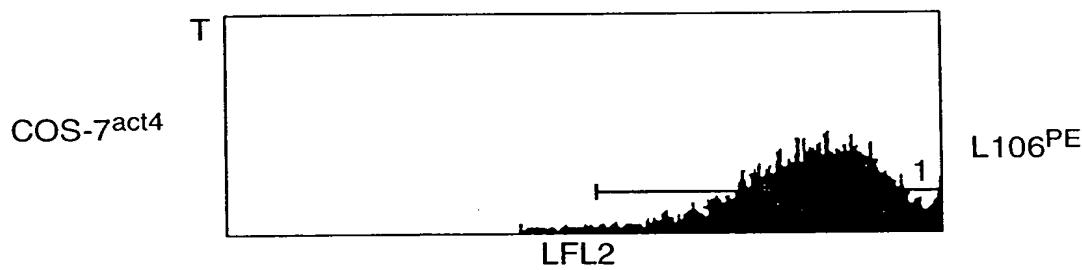
APPROVED	O. G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

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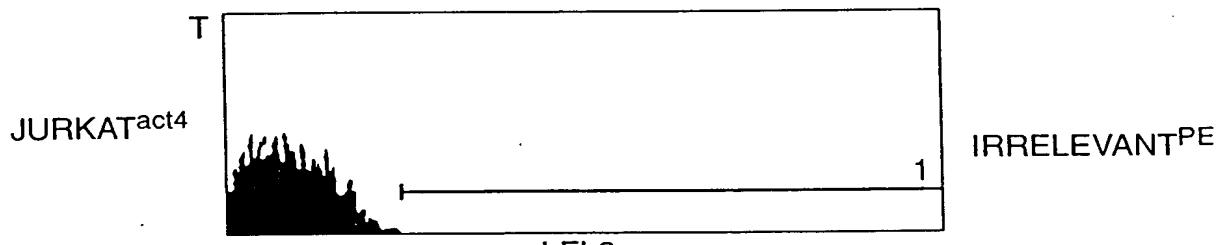


**FIG.\_7A**

0  
90000  
80000  
70000  
60000  
50000  
40000  
30000  
20000  
10000  
0

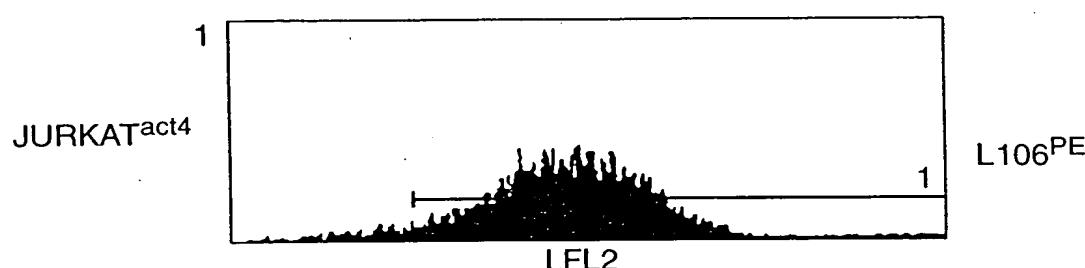


**FIG.\_7B**



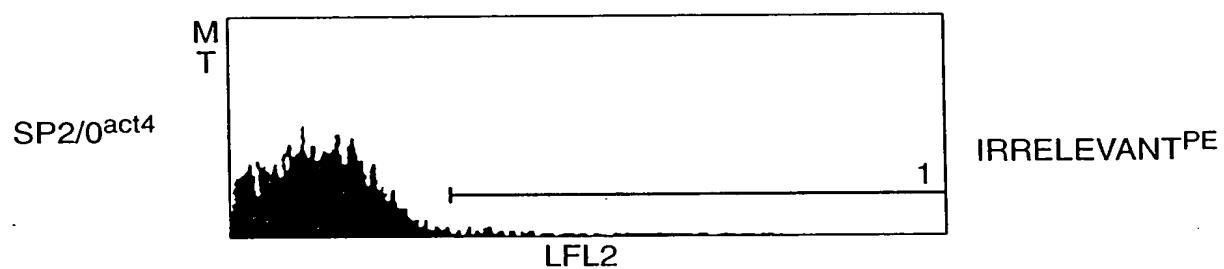
**FIG.\_7C**

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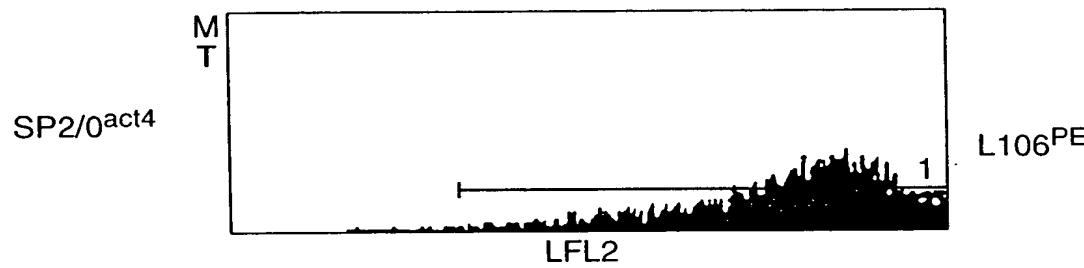


**FIG.\_7D**

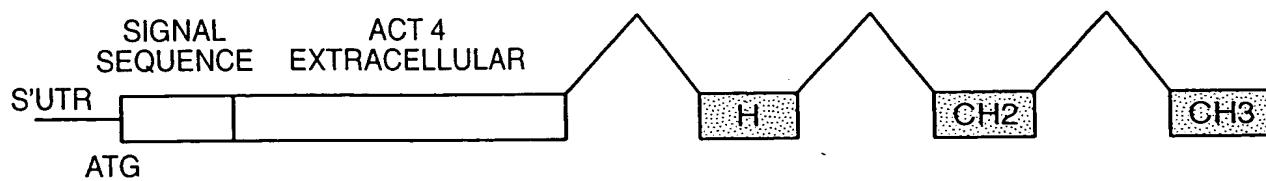
00000000000000000000000000000000



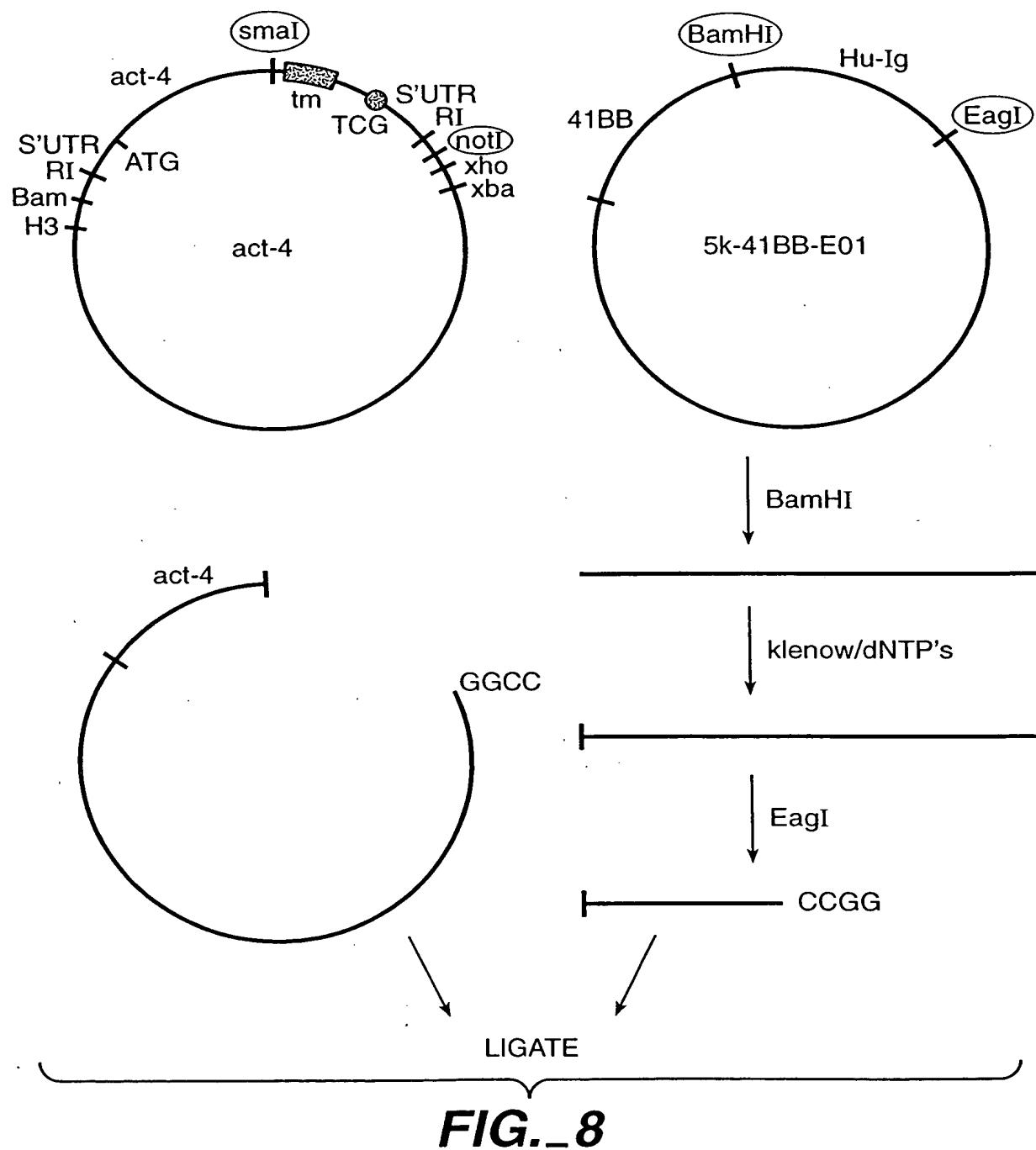
**FIG.\_7E**



**FIG.\_7F**



**FIG.\_9**



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